

IN THE CLAIMS:

1. (cancelled)
2. (new) A method of forming a prosthetic device comprising the steps of:
providing an expanded tubular stent;
providing a mandrel having a diameter approximately equal to that of the expanded tubular stent;
supporting the tubular stent on the mandrel;
coating the tubular stent with a flowable polymeric coating;
providing a polymeric tubular structure;
positioning the polymeric tubular structure either interior to or exterior to the tubular stent; and
affixing the polymeric tubular structure to the tubular stent.
3. (new) The method according to claim 2, wherein the step of positioning the polymeric tubular structure either interior to or exterior to the tubular stent further comprises removing the tubular stent from the mandrel prior to positioning the polymeric tubular structure interior to the tubular stent.
4. (new) The method according to claim 2, wherein the tubular stent comprises a plurality of portions and the step of coating the tubular stent with a flowable polymeric coating further comprises applying a different polymeric coating to each of the portions.
5. (new) The method according to claim 2, wherein the polymeric coating is selected from the group consisting of polytetrafluoroethylene, polyurethane, fluorinated ethylenepropylene, silicone, silicone-acrylate, urethane-acrylate, urethane-silicone, and combinations thereof.

6. (new) The method according to claim 2, wherein the polymeric tubular structure is formed of polytetrafluoroethylene.
7. (new) The method according to claim 6, wherein the polytetrafluoroethylene tubular structure is formed by the steps of:
 - extruding a sheet of polytetrafluoroethylene; and
 - forming the sheet into a tubular structure.
8. (new) The method according to claim 2, wherein the polymeric tubular structure comprises a continuous tube.
9. (new) The method according to claim 2, wherein the polymeric tubular structure comprises a plurality of discontinuous sections.
10. (new) The method according to claim 2, wherein the polymeric tubular structure is wrapped in a helical pattern.
11. (new) A method of coating a tubular stent comprising the steps of:
 - providing a tubular stent;
 - adhering an electrostatically charged polymeric powder coating to the tubular stent by electrostatic attraction; and
 - applying sufficient heat to fuse the polymeric powder coating to the tubular stent thereby forming a substantially continuous film coating on the tubular stent.

12. (new) The method according to claim 11, further comprising the steps of:
providing a polymeric tubular structure;
positioning the polymeric tubular structure either interior to or exterior to the tubular stent; and
affixing the polymeric tubular structure to the tubular stent.
13. (new) A method of coating a tubular stent comprising the steps of:
providing a tubular stent;
providing a polymeric powder;
introducing the polymeric powder at the periphery of a hot temperature plasma thereby melting the polymeric powder;
propelling the polymeric powder onto the tubular stent to form a film coating thereon.
14. (new) The method according to claim 13, further comprising the steps of:
providing a polymeric tubular structure;
positioning the polymeric tubular structure either interior to or exterior to the tubular stent; and
affixing the polymeric tubular structure to the tubular stent.
15. (new) A method of coating a tubular stent comprising the steps of:
providing a tubular stent;
heating the tubular stent;
providing a polymeric powder;
dispersing the polymeric powder in air; and
permitting the polymeric powder to contact the heated tubular stent.

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16. (new) The method according to claim 15, further comprising the steps of:
providing a polymeric tubular structure;
positioning the polymeric tubular structure either interior to or exterior to the tubular stent; and
affixing the polymeric tubular structure to the tubular stent.
17. (new) A polymer coated stent comprising:
a tubular diametrically deformable stent; and
a polymeric powder coating which when sintered melts to form a substantially continuous film coating on said stent.